$$X_{2} = -SO_{2}NH_{2}$$

$$\frac{R_{1}}{n-CH_{2}CH_{2}CH_{3}} = \frac{R_{2}}{H}$$
a)
$$X_{2} = -SO_{2}NH_{2}$$

$$\frac{R_{1}}{n-CH_{2}CH_{2}CH_{3}} = \frac{R_{2}}{H}$$

$$YI \qquad b) \qquad H \qquad n-CH_{2}CH_{2}CH_{3}$$
c)
$$n-CH_{2}CH_{2}CH_{3} \qquad n-CH_{2}CH_{2}CH_{3}$$

FIG. 7

FIG. 8

$$X_{2} = -SO_{2}NH_{2}$$
 R_{1}
 R_{2}
 R_{3}
 R_{2}
 R_{3}
 R_{2}
 R_{3}
 R_{4}
 R_{2}
 R_{3}
 R_{4}
 R_{2}
 R_{3}
 R_{4}
 R_{5}
 R_{5}
 R_{6}
 R_{7}
 R_{1}
 R_{2}
 R_{2}
 R_{3}
 R_{4}
 R_{5}
 R_{5}
 R_{6}
 R_{7}
 R_{1}
 R_{2}
 R_{2}
 R_{3}
 R_{4}
 R_{5}
 R_{5

()

FIG. 9

$$X_2 = -SO_2NH_2$$
 R_1
 R_2
 R_2
 R_3
 R_4
 R_5
 R_5
 R_7
 R_7

FIG. 10

E1
$$\xrightarrow{c}$$
 \xrightarrow{b} $\xrightarrow{H_2NSO_2O}$ $\xrightarrow{(5)}$ FIG. 13 $\xrightarrow{(6)}$

E1
$$\xrightarrow{a}$$
 \xrightarrow{e} $\xrightarrow{R_1}$ $\xrightarrow{h_2 NSO_2 O}$ $\xrightarrow{R_1}$ $\xrightarrow{R_2}$ $\xrightarrow{R_2}$ $\xrightarrow{R_1}$ $\xrightarrow{R_2}$ $\xrightarrow{R_1}$ $\xrightarrow{R_2}$ $\xrightarrow{R_2}$ $\xrightarrow{R_1}$ $\xrightarrow{R_1}$ $\xrightarrow{R_2}$ $\xrightarrow{R_1}$ $\xrightarrow{R_1}$ $\xrightarrow{R_1}$ $\xrightarrow{R_1}$ $\xrightarrow{R_1}$ $\xrightarrow{R_1}$ $\xrightarrow{R_2}$ $\xrightarrow{R_1}$ $\xrightarrow{R$

a: CH₃COOH / HNO₃

b: NaH / DMF, H2NSO2CI

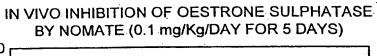
c: $\mathrm{NH_2NH_2}$ · $\mathrm{H_2O}$, KOH / DIETHYLENE GLYCOL

d: NaH / DMF, J Br

e: N, N-DIETHYLANILINE, A

f: Pd/C, H₂

FIG. 15



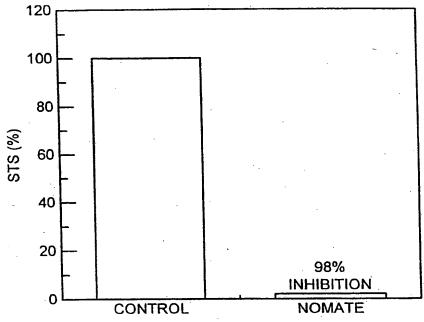


FIG. 16

LACK OF EFFECT OF NOMATE (0.1mg/Kg/DAY FOR 5 DAYS) ON UTERINE WEIGHTS OVARIECTOMISED RATS

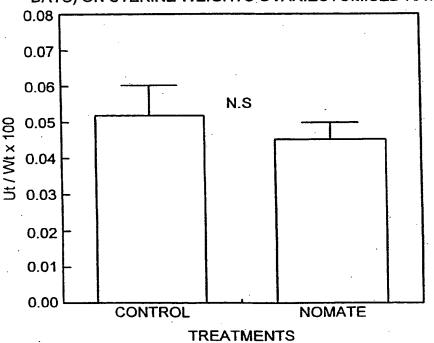


FIG. 17

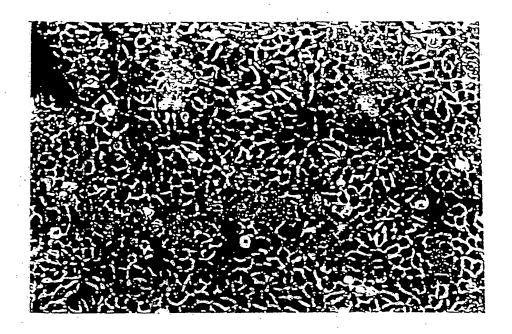


Figure 1

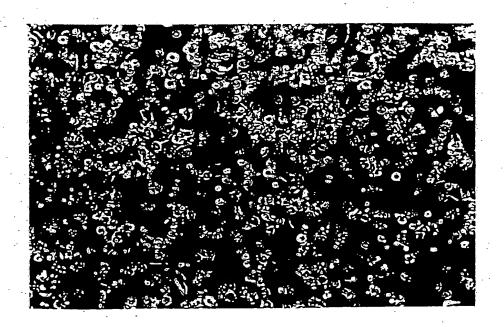


Figure 2

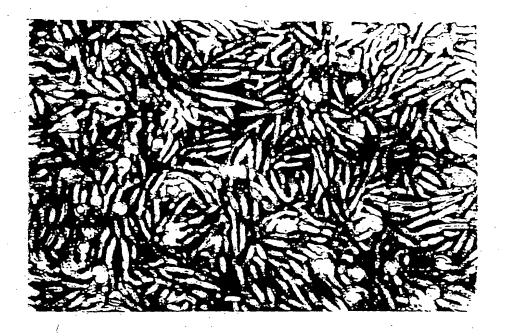


Figure 3



Figure 4

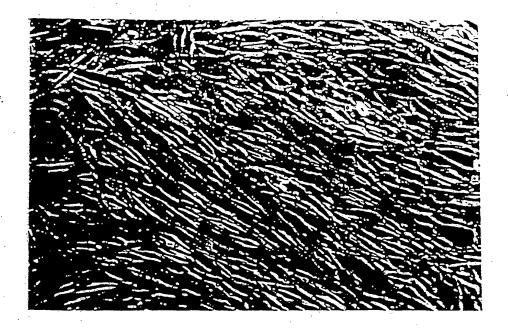


Figure 5

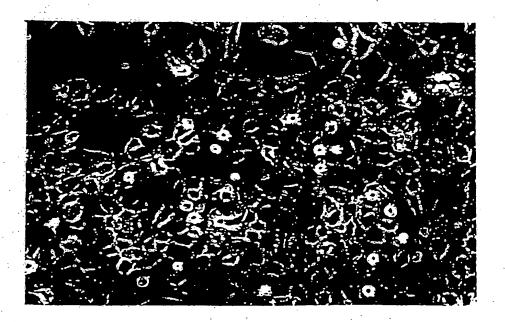


Figure 6

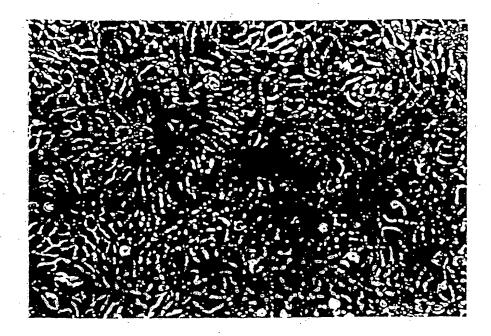


Figure 7

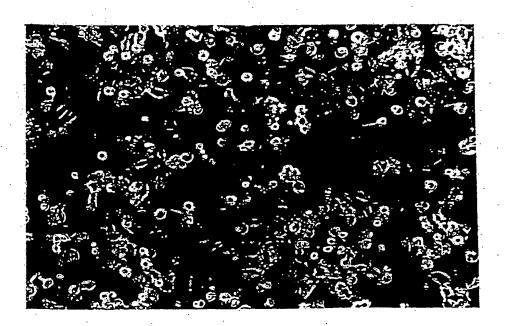
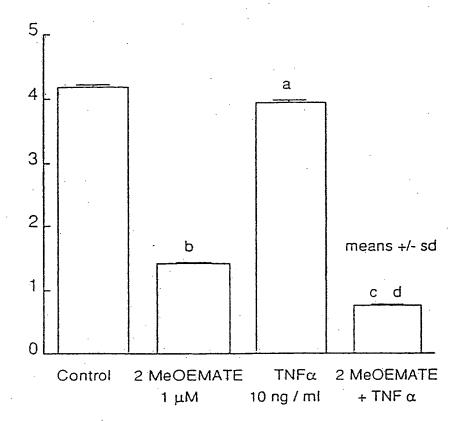


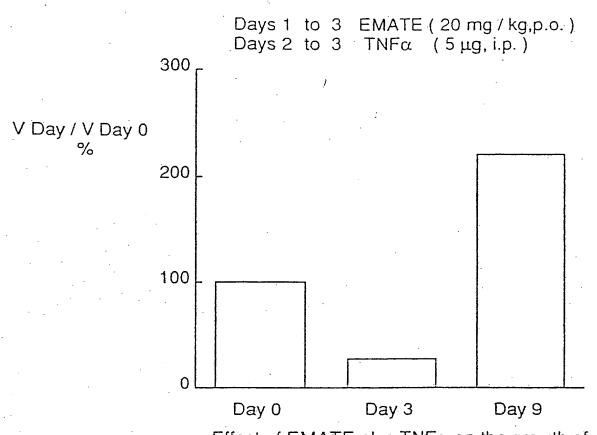
Figure 8



Cell No (millions)

a , p < 0.05 ; b, p < 0.01; c, p <0.001 versus controls $\label{eq:dp} d,\,p < 0.001 \mbox{ versus 2MeOEMATE}$

Figure 9



Effect of EMATE plus TNF $\!\alpha\!$ on the growth of an NMU-induced mammary tumour in a rat

Figure 10

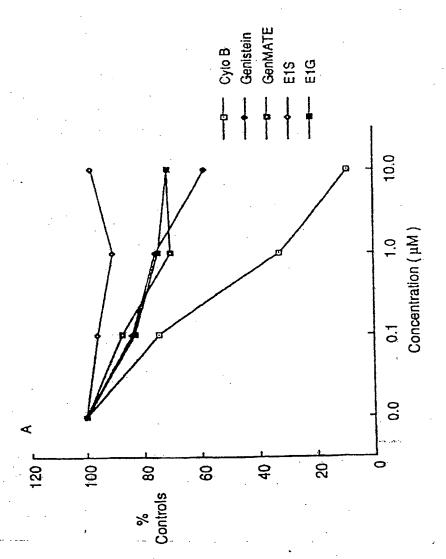


Figure 11a

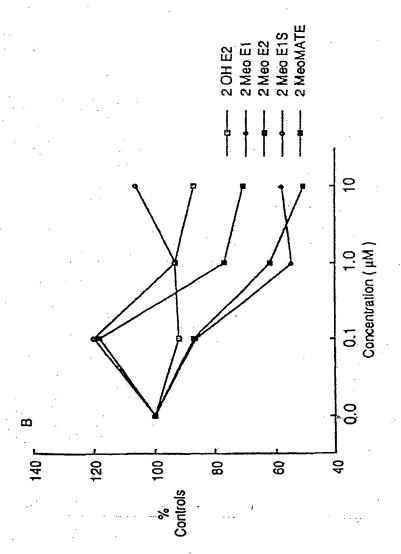


Figure 11b

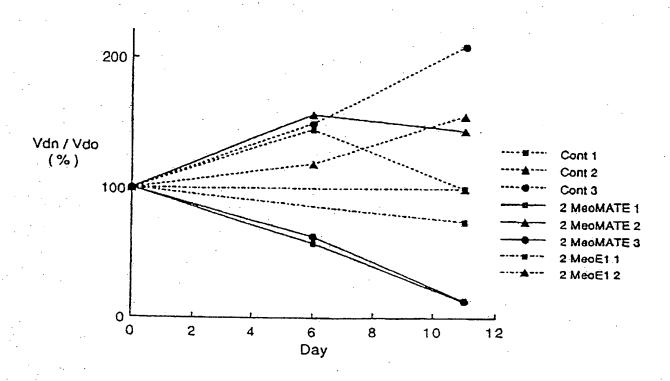


Figure 12